

# Getting started in the XRD lab

## Before starting:

- We recommend that your XRD samples are ready or nearly ready
- Register for a training by filling in this form:  
<https://forms.office.com/Pages/ResponsePage.aspx?id=cgahCS-CZ0SluluzdZZ8Ba32atCjLHVkiU5Id-GXOk5UQjhNNzdYR0lyTUwwMFZUU1BZS1pCMDBRWS4u>
- Alternatively contact [lab responsible](#), and agree a time for training
- You will receive an email with links/forms (see below), and a powerpoint presentation with videos that you should watch before attending the training.
- Fill in relevant forms:
  1. new user form (link in email)
  2. room access form (attached to email)
- Create an account in the [booking system](#)
- Find the relevant project number for billing the use (students should ask their supervisor)
- It is recommended to make a plan for what you want to measure and why; such as finding suitable literature for XRD on similar samples.

## At the training:

We will look into:

- Sample preparation
- Setting up measurement parameters
- Etc.

## After the training:

You will receive some information about

- how to find and analyse your data

Relevant links:

It is recommended to read up on X-ray diffraction before coming to the training, for example:

- [XRD introduction from University of Cambridge](#)